

AMENDMENT**IN THE SPECIFICATION**

Please delete the paragraph beginning at page 12, line 13, and substitute the following amended paragraph.

A¹
Sub B27

-- In one variation, the cells are collected and the critical peptide is the APP C-terminal peptide created as a result of the β secretase cleavage. In another variation, the supernatant is collected and the critical peptide is soluble APP, where the soluble APP has a C-terminus created by β secretase cleavage. In preferred embodiments, the cells contain any of the nucleic acids or polypeptides described above and the cells are shown to cleave the β secretase site of any peptide having the following peptide structure, P2, P1, P1', P2' (SEQ ID NO: 74), where P2 is K or N, where P1 is M or L, where P1' is D, where P2' is A. In one embodiment P2 is K and P1 is M and in another embodiment P2 is N and P1 is L. --

IN THE CLAIMS

Please amend claims 87 and 88 as follows:

A²

87. (Amended) A method according to claim 83, wherein the substrate polypeptide of the second composition comprises the amino acid sequence SEVNLDAEFR (SEQ ID NO: 63).--

Amend claim 88 as follows:

88. (Amended) A method according to claim 83, wherein the substrate polypeptide of the second composition comprises the amino acid sequence EVKMDAEF (SEQ ID NO: 67).--

IN THE SEQUENCE LISTING

Please replace the sequence filed as originally filed with the substitute sequence listing (pages 1-63) submitted herewith.